

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
STANDARD ANNULAR PRESSURE TEST

Operator	<u>SUMMIT PETL</u>	State Permit Number	<u>4070</u>
Address		EPA Permit Number	<u>MI-051-2D-0009</u>
		Date of Test	<u>3/6/2013</u>
Well Name & Number	<u>State BUCKEYE C-4</u>	Well Type	<u>2D</u>

Quarter	Quarter	Quarter	Section	Township	Range	Township Name	County	State
<u>NW</u>	<u>SW</u>	<u>NW</u>	<u>12</u>	<u>18N</u>	<u>1W</u>	<u>BUCKEYE</u>	<u>GLADWIN</u>	<u>MI</u>
GPS file number			Latitude		Longitude		Elevation	
			<u>43.96853</u>		<u>84.38495</u>			

Company Representative	<u>MATT ENGLISH</u>	Field Inspector	<u>SAM H. WILLIAMS</u>
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GAUGE CERTIFICATION

Type Pressure Gauge WIKKA } 4 inch face 100 psi full scale 5 psi increments
 New Gauge? Yes ☒ No ☐ If no, date of calibration _____ Calibration certification submitted? Yes ☐ No ☒

TEST RESULTS

Time	<u>0</u>	<u>15</u>	<u>30</u>				
Annulus	<u>350</u>	<u>350</u>	<u>350</u>				
Tubing	<u>1AC</u>						

WELL STATUS

5 Year ☒ TD# 13-103
 2 Year TA ☐ TD# _____
 Rework after failure ☐ TD# _____
 New Permit ☐ TD# _____
 Enforcement Action ☐ TD# _____
 Annual Class 1 ☐ TD# _____

WELL CONFIGURATION

Casing Size 5 1/2
 Tubing Size 2 3/8
 Packer Type AD-1 TENSION
 Packer set @ 3500'
 Fluid Return (gal) 4 1/2 GAL.

Test Pressures: Max. Allowable Pressure Change: Initial test pressure x .03 10.5 psi 550
 Test Pressure change 8 psi 50

Test Passed ☒ Test Failed ☐ : If failed test, well must shut in, no injection can occur, and USEPA must be contacted within 24 hours. Corrective action needs to occur, the well retested, and written authorization received before injection can recommence.

COMMENT:

RECEIVED

APR 11 2013

Signature of Company Representative	<u>Matt English</u>	Date	<u>3/6/2013</u>
Signature of UIC Field Inspector	<u>Sam Williams</u>	Date	<u>March 6, 2013</u>